INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2005/002978

A. CLASSIFICATION OF SUBJECT MATTER Int.Cl ⁷ C09B69/02, 23/00, 45/14, 45/20			
According to International Patent Classification (IPC) or to both national classification and IPC			
B. FIELDS SEARCHED			
Minimum documentation searched (classification system followed by classification symbols) Int.Cl ⁷ C09B69/02, 23/00, 45/14, 45/20			
Documentation searched other than minimum documentation to the extent that such documents are included in Jitsuyo Shinan Koho 1922-1996 Jitsuyo Shinan Toroku Koho Kokai Jitsuyo Shinan Koho 1971-2005 Toroku Jitsuyo Shinan Koho			1996-2005 1994-2005
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) CAPLUS (STN), REGISTRY (STN)			
C. DOCUMENTS CONSIDERED TO BE RELEVANT			
Category*	Citation of document, with indication, where ap	propriate, of the relevant passages	Relevant to claim No.
А	WO 01/44374 A1 (Kabushiki Ka Seibutsu Kagaku Kenkyujo), 21 June, 2001 (21.06.01), & EP 1178083 A1 & EP & US 2003/181727 A1	isha Hayashibara 1429324 Al	1
A	WO 98/29257 A1 (TDK Corp.), 09 July, 1998 (09.07.98), & EP 887202 A1 & US	6168843 B1	1
A	WO 02/50210 A1 (Kabushiki Ka Seibutsu Kagaku Kenkyujo), 27 June, 2002 (27.06.02), & EP 1347030 A1 & US	isha Hayashibara 2003/64322 Al	1
Further documents are listed in the continuation of Box C. See patent family annex.			
Special categories of cited documents: A document defining the general state of the art which is not considered to be of particular relevance		T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention	
"E" earlier application or patent but published on or after the international filing date		"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone	
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)		"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is	
"O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed.		combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family	
Date of the actual completion of the international search 28 April, 2005 (28.04.05)		Date of mailing of the international search report 24 May, 2005 (24.05.05)	
Name and mailing address of the ISA/ Japanese Patent Office		Authorized officer	
Facsimile No.		Telephone No.	